

AMENDMENT NO. 2
to
AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES
between
CITY OF WEST LAFAYETTE, INDIANA
and
GREELEY AND HANSEN LLC

This AMENDMENT NO. 2 is made on the _____ day of _____ in the year 2009 to modify AMENDMENT NO. 1 to the AGREEMENT dated December 27, 2007 and the AGREEMENT dated July 27, 2004 between the City of West Lafayette, Indiana, hereinafter referred to as CITY, and Greeley and Hansen LLC, an Illinois limited liability company, with its principal office at 100 South Wacker Drive, Chicago, Illinois 60606-4003, and a regional office at 6640 Intech Boulevard, Suite 180, Indianapolis, Indiana 46278, hereinafter referred to as ENGINEER, for professional engineering services in connection with the Western Sanitary Sewer Interceptor, the PROJECT.

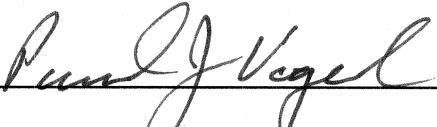
This AGREEMENT is hereby amended as follows:

1. The scope of services shall be expanded to include Engineering Services as described in Exhibit A2 - Scope of Additional Engineering Services for Western Sanitary Sewer Interceptor - Division IV, attached as part of this AMENDMENT NO. 2.
2. The estimated compensation as described in the Exhibit B2 – Level of Effort and Estimated Compensation for Western Sanitary Sewer Interceptor – Division IV, attached as part of this Amendment NO. 2. The maximum billing limit for Amendment NO. 2 shall not exceed \$206,000, including salary and reimbursable expenses, without further written authorization. With the approval of Amendment NO. 2, the total upper limit of compensation for the AGREEMENT is increased from \$919,038 to \$1,125,038.

All provisions of the AGREEMENT not specifically modified herein shall remain in effect.

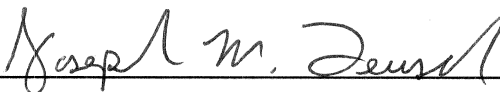
In WITNESS WHEREOF, the parties hereto have caused this AMENDMENT NO. 2 to the AGREEMENT to be executed by their duly authorized officers and partners and is made effective the day and year first above written.

GREELEY AND HANSEN LLC



Paul J. Vogel

Principal



Joseph M. Teusch

Associate

CITY OF WEST LAFAYETTE, INDIANA

BOARD OF PUBLIC WORKS AND SAFETY

John R. Dennis

President

Sana G. Booker

Member

Bradley W. Marley

Member

ATTEST:

Judith C. Rhodes

Clerk-Treasurer

EXHIBIT A2

AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES
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SCOPE OF ADDITIONAL ENGINEERING SERVICES FOR WESTERN SANITARY SEWER INTERCEPTOR - DIVISION IV

Currently, sanitary flows from the west and northwest portions of the service area enter the combined sewer area and contribute to combined sewer overflow (CSO) events. The CSO long-term control plan and *Western Sanitary Sewer Interceptor* Preliminary Engineering Report recommend the off-loading of the separate sewer areas, including several lift stations, from the combined sewer system to reduce CSO discharges during wet weather. The Division IV Project includes design of approximately 6,500 feet of interceptor and collector sewers, demolition of three lift stations, and the design of a vortex drop structure for the Green Meadows force main discharge to the Western Interceptor.

1.0 GENERAL

1.1 Agency Coordination. Meet with the wastewater utility staff to review technical aspects of the project. Meet with the Indiana Department of Transportation (INDOT) and INDOT's U.S. 231 Relocation Project design engineer (Hanson) to coordinate interceptor design with highway design. Meet with Purdue University representatives to coordinate interceptor design with planned facilities.

2.0 PRELIMINARY DESIGN

2.1 INDOT U.S. 231 Coordination. Review INDOT U.S. 231 highway drawings and coordinate with highway design engineer on the depth and placement of the interceptor sewer between Jischke Drive and Airport Road.

2.2 Develop Sewer Route and Profile. Review alternate routes and profiles for the proposed interceptor and collector sewers and present recommended routes to City for approval.

2.3 Easement Requirements. Determine the number, size and type of easements that will be required for the construction of the interceptor. Arrange for and provide final permanent and temporary easement descriptions and listing of parcels and property owners for the final design alignment as accepted by City. Prepare exhibits for discussion with property owners.

2.4 Preliminary Construction Cost Opinion. Prepare a preliminary construction cost opinion consisting of quantity takeoffs and unit costs for the Project.

3.0 FINAL DESIGN

3.1 Drawings. Prepare Construction Drawings for use, together with the Construction Specifications, in taking competitive bids and entering into a construction contract with an experienced and competent contractor.

3.2 Specifications. Prepare Construction Specifications for use, together with the Construction Drawings, in taking competitive bids and entering into a construction contract with an experienced and competent contractor.

3.3 Final Construction Cost Opinion. Upon completion of the Drawings and Specifications, prepare a final construction cost opinion.

3.4 Permit Applications. Prepare project information submissions, including permit applications and review comments, to the following agencies:

- KB&S Railroad

3.5 Erosion and Sediment Control Plan. Prepare Erosion and Sediment Control Plan for use, together with the Contract Drawings and Specifications, in taking competitive bids and entering into a construction contract with an experienced and competent contractor. Prepare Erosion and Sediment Control Plan in accordance with IDEM Rule 5 guidelines and the Tippecanoe County Soil and Water Conservation District guidelines. Incorporate any Tippecanoe County SWCD review comments into the plans.

4.0 BID ASSISTANCE

4.1 Bidder Inquiries. Respond to bidder inquiries during the bidding period.

4.2 Addenda. Prepare addenda as needed to clarify the Contract Documents.

4.3 Pre-Bid Meeting. Attend pre-bid meeting and prepare meeting notes.

4.4 Bid Report. Tabulate bids and prepare bid report including recommendation for award of contract.

EXHIBIT B2

AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES
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Level of Effort
Western Sanitary Sewer Interceptor - Division IV

Task Description	Estimated Workdays					Totals
	Principal	Project Manager	Project Engineer	Designer /CAD Oper	Word Processor	
1.0 GENERAL						
1.1 Agency Coordination	0.0	4.0	4.0	0.0	0.0	8.0
Subtotal - General	0.0	4.0	4.0	0.0	0.0	8.0
2.0 PRELIMINARY DESIGN						
2.1 INDOT Coordination	0.0	5.0	5.0	10.0	0.0	20.0
2.2 Develop Sewer Route and Profile	1.0	5.0	5.0	5.0	0.0	16.0
2.3 Easement Requirements	0.0	2.0	2.0	2.0	0.0	6.0
2.4 Preliminary Cost Opinion	0.0	1.0	3.0	1.0	0.0	5.0
Subtotal - Preliminary Design	1.0	13.0	15.0	18.0	0.0	47.0
3.0 FINAL DESIGN						
3.1 Drawings	1.0	10.0	20.0	40.0	0.0	71.0
3.2 Specifications	1.0	5.0	10.0	0.0	5.0	21.0
3.3 Final Cost Opinion	0.0	1.0	2.0	1.0	0.0	4.0
3.4 Permit Applications	0.0	1.0	2.0	1.0	0.0	4.0
3.5 Erosion & Sediment Control Plan	0.0	2.0	5.0	2.0	1.0	10.0
Subtotal - Final Design	2.0	19.0	39.0	44.0	6.0	110.0
4.0 BID ASSISTANCE						
4.1 Bidder Inquiries	0.0	3.0	5.0	0.0	0.0	8.0
4.2 Addenda	0.0	3.0	5.0	2.0	1.0	11.0
4.3 Pre-Bid Meeting	0.0	1.0	1.0	0.0	0.0	2.0
4.4 Bid Report	0.0	1.0	1.0	0.0	1.0	3.0
Subtotal - Bid Assistance	0.0	8.0	12.0	2.0	2.0	24.0
Totals	3.0	44.0	70.0	64.0	8.0	189.0

EXHIBIT B2

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Estimated Compensation

Wester Sanitary Sewer Interceptor - Division IV

	Days	Hours/Day	Estimated Rates	Cost
1. Direct Labor:				
a. Principal	3.0	8	\$75	\$1,800
b. Project Manager	44.0	8	\$60	\$21,120
c. Project Engineers	70.0	8	\$35	\$19,600
d. Designers/CAD Operators	64.0	8	\$30	\$15,360
e. Word Processors	8.0	8	\$15	\$960
Subtotal	189.0			\$58,840
2. Greeley and Hansen Labor Costs with 3.2 Multiplier				\$188,288
3. Subconsultant Costs				
a. BFS, Survey/Easement Legal Descriptions			\$15,000	
Total			\$15,000	
4. Subconsultant Costs with 1.1 Multiplier				\$16,500
5. Other Direct Costs				
a. Local Travel ⁽¹⁾	780	Miles @	\$0.505 / mi	\$394
b. Reproduction/Printing				\$818
Subtotal				\$1,212
6. Total Compensation				\$206,000

⁽¹⁾ Based on 6 trips at 130 miles per trip.